



PATENT
Customer No. 22,852
Attorney Docket No. 09136.0007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
Joseph VANNIASinkam et al.) Group Art Unit: 2874
)
Application No.: 10/028,419) Examiner: To Be Assigned
)
Filed: December 21, 2001)
)
For: GRATING BASED)
MULTIPLEXER/DEMULTIPLEXER)
COMPONENT)

Commissioner for Patents
Washington, DC 20231

Sir:

RECEIVED
APR 22 2003
TC 2800 MAIL ROOM

**REVOCATION OF POWER OF ATTORNEY
AND GRANT OF NEW POWER OF ATTORNEY**

The undersigned, a representative authorized to sign on behalf of the Assignee owning all of the interest in this patent, hereby revokes all previous powers of attorney or authorization of agent granted in this application before the date of execution hereof. The undersigned verifies that Pine Photonics Communications, Inc. is the Assignee of the entire right, title, and interest in the patent application identified above by virtue of an assignment from the inventors filed in the U.S. Patent and Trademark Office on December 21, 2001 (copies of the Recordation Cover Sheet and executed Assignment as filed are attached). The undersigned certifies that the evidentiary documents have been reviewed and to the best of the undersigned's knowledge and belief, title is in the Assignee Pine Photonics Communications, Inc.

The undersigned hereby grants its power of attorney to **FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.**, Douglas B. Henderson, Reg. No. 20,291; Ford

F. Farabow, Jr., Reg. No. 20,630; Arthur S. Garrett, Reg. No. 20,338; Donald R. Dunner, Reg. No. 19,073; Brian G. Brunsvold, Reg. No. 22,593; Tipton D. Jennings, IV, Reg. No. 20,645; Jerry D. Voight, Reg. No. 23,020; Laurence R. Hefter, Reg. No. 20,827; Kenneth E. Payne, Reg. No. 23,098; Herbert H. Mintz, Reg. No. 26,691; C. Larry O'Rourke, Reg. No. 26,014; Albert J. Santorelli, Reg. No. 22,610; Michael C. Elmer, Reg. No. 25,857; Richard H. Smith, Reg. No. 20,609; Stephen L. Peterson, Reg. No. 26,325; John M. Romary, Reg. No. 26,331; Bruce C. Zotter, Reg. No. 27,680; Dennis P. O'Reilley, Reg. No. 27,932; Allen M. Sokal, Reg. No. 26,695; Robert D. Bajefsky, Reg. No. 25,387; Richard L. Stroup, Reg. No. 28,478; David W. Hill, Reg. No. 28,220; Thomas L. Irving, Reg. No. 28,619; Charles E. Lipsey, Reg. No. 28,165; Thomas W. Winland, Reg. No. 27,605; Basil J. Lewris, Reg. No. 28,818; Martin I. Fuchs, Reg. No. 28,508; E. Robert Yoches, Reg. No. 30,120; Barry W. Graham, Reg. No. 29,924; Susan Haberman Griffen, Reg. No. 30,907; Richard B. Racine, Reg. No. 30,415; Thomas H. Jenkins, Reg. No. 30,857; Robert E. Converse, Jr., Reg. No. 27,432; Clair X. Mullen, Jr., Reg. No. 20,348; Christopher P. Foley, Reg. No. 31,354; Roger D. Taylor, Reg. No. 28,992; John C. Paul, Reg. No. 30,413; David M. Kelly, Reg. No. 30,953; Kenneth J. Meyers, Reg. No. 25,146; Carol P. Einaudi, Reg. No. 32,220; Walter Y. Boyd, Jr., Reg. No. 31,738; Steven M. Anzalone, Reg. No. 32,095; Jean B. Fordis, Reg. No. 32,984; Barbara C. McCurdy, Reg. No. 32,120; James K. Hammond, Reg. No. 31,964; Richard V. Burgujian, Reg. No. 31,744; J. Michael Jakes, Reg. No. 32,824; Thomas W. Banks, Reg. No. 32,719; Christopher P. Isaac, Reg. No. 32,616; Bryan C. Diner, Reg. No. 32,409; M. Paul Barker, Reg. No. 32,013; Andrew Chanhon Sonu, Reg. No. 33,457; David S. Forman, Reg. No. 33,694; Vincent P. Kovalick, Reg. No. 32,867; James W. Edmondson, Reg. No. 33,871; Michael R. McGurk, Reg. No. 32,045; Joann M. Neth, Reg. No. 36,363; Gerson S. Panitch, Reg. No. 33,751; Cheri M. Taylor, Reg. No. 33,216; Charles E. Van

Horn, Reg. No. 40,266; Linda A. Wadler, Reg. No. 33,218; Jeffrey A. Berkowitz, Reg. No. 36,743; Michael R. Kelly, Reg. No. 33, 921; James B. Monroe, Reg. No. 33,971; Doris Johnson Hines, Reg. No. 34,629; Lori Ann Johnson, Reg. No. 34,498; R. Bruce Bower, Reg. No. 37,099; John Rissman, Reg. No. 33,764; Therese A. Hendricks, Reg. No. 30,389; Leslie I. Bookoff, Reg. No. 38,084; Michele C. Bosch, Reg. No. 40,524; Michael J. Flibbert, Reg. No. 33,234; Scott A. Herbst, Reg. No. 35,189; Leslie A. McDonell, Reg. No. 34,872; Thalia V. Warnement, Reg. No. 39,064; Ronald A. Bleeker, Reg. No. 27,773; Kathleen A. Daley, Reg. No. 36,116; C. Gregory Gramenopoulos, Reg. No. 36,532; Anthony M. Gutowski, Reg. No. 38,742; Yitai Hu, Reg. No. 40,653; Lionel M. Lavenue; Reg. No. 46,859; Christine E. Lehman, Reg. No. 38,535; and Gary J. Edwards, Reg. No. 41,008; both jointly and separately as their attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and to receive the Letters Patent.

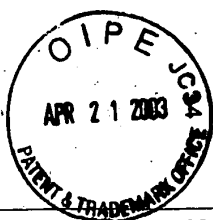
Please send all future correspondence concerning this application to Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. at the following address:

Finnegan, Henderson, Farabow,
Garrett & Dunner, L.L.P.
1300 I Street, N.W.
Washington, D.C. 20005-3315

Dated: April 15, 2003

By: 

Name: Osa Mok
Title: Vice President, Marketing
Pine Photonics Communications, Inc.



RECORDATION FORM COVER SHEET
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

TO THE HONORABLE DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE. PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

1. Name of conveying party(ies): (a) Joseph Vanniasinkam (b) Jon Meyer (c) Christopher Viray (d) Bor-Long Twu Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies): Name: Pine Photonics Communications, Inc. Street Address: 940 Auburn Court City: Fremont State: California Zip: 94538 Country: USA	
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: December 21, 2001		Name and address of receiving party(ies): Name: _____ Street Address: _____ City: _____ State: _____ Zip: _____ Country: _____ Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: December 21, 2001			
A. Patent Application No.(s) - n/a Title: Grating Based Multiplexer/Demultiplexer Component		B. Patent No.(s) N/A	
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Gary J. Edwards Internal Address: SKJERVEN MORRILL MacPHERSON LLP Street Address: 25 METRO DRIVE, SUITE 700 City: SAN JOSE State: CA Zip: 95110		6. Total number of applications and patents involved: 1	
		7. Total fee (37 CFR 3.41): \$40.00 <input checked="" type="checkbox"/> Authorized to be charged to Deposit Account 19-2386 <input checked="" type="checkbox"/> Charge Deposit Account 19-2386 for any additional fees required for this conveyance and credit deposit account 19-2386 any amounts overpaid	
DO NOT USE THIS SPACE			
8. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> Gary J. Edwards 41,008 Name of Person Signing Signature Date 12/21/01 Total number of pages including cover sheet, attachments, and documents: 4			

Express Mail Label No. EL 901 563 064 US

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

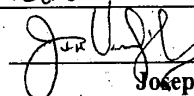
<u>Joseph Vanniasinkam</u>	of <u>Scarborough, Ontario</u>
<u>Jon Meyer</u>	of <u>Fremont, California</u>
<u>Christopher Viray</u>	of <u>Sunnyvale, California</u>
<u>Bor-Long Twu</u>	of <u>Sunnyvale, California</u>

hereby sell, assign and transfer to **Pine Photonics Communications, Inc.**, a Delaware corporation, having a place of business at **940 Auburn Court, Fremont, California 94538**, its successors and assigns, the entire right, title and interest throughout the world in our invention in:

Grating Based Multiplexer/Demultiplexer Component

for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees; at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

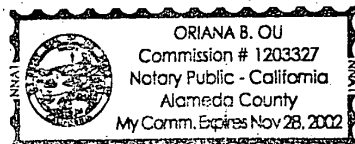
Executed this 14 day of December, 2001.


Joseph Vanniasinkam

State of CALIFORNIA)
) ss.
County of ALAMEDA)

On DECEMBER 14, 2001 before me, ORIANA B. OU, NOTARY PUBLIC personally appeared JOSEPH INDHIRAN ~~JOSEPH INDHIRAN~~ proved to me on the basis of satisfactory evidence to be the person(x) whose name(~~is~~) subscribed to the within instrument and acknowledged to me that he/~~she~~ executed the same in his/~~her~~ authorized capacity(~~ies~~), and that by his/~~her~~ signature(~~s~~) on the instrument the person(x), or the entity upon behalf of which the person(x) acted, executed the instrument.

WITNESS my hand and official seal.




SIGNATURE OF NOTARY

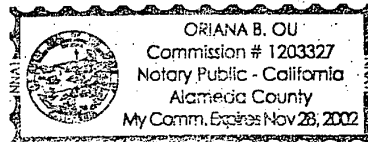
Executed this 14th day of December, 2001.

Jon Meyer
Jon Meyer

State of CALIFORNIA)
County of ALAMEDA) ss.

On DECEMBER 14, 2001 before me, ORIANA B. OU, NOTARY PUBLIC personally appeared JON EDWARD MEYER ~~PERSONALLY~~ ~~XXXXXXXXXX~~ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



[Signature]
SIGNATURE OF NOTARY

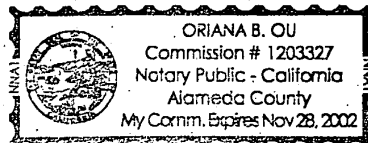
Executed this 14th day of December, 2001.

Christopher Viray
Christopher Viray

State of CALIFORNIA)
County of ALAMEDA) ss.

On DECEMBER 14, 2001 before me, ORIANA B. OU, NOTARY PUBLIC personally appeared CHRISTOPHER SEAN VIRAY ~~PERSONALLY~~ ~~XXXXXXXXXX~~ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



[Signature]
SIGNATURE OF NOTARY

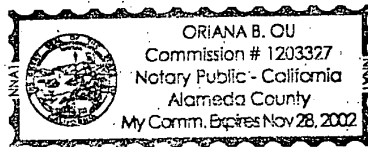
Executed this 14th day of December, 2001.

Bor-Long Twu
Bor-Long Twu

State of CALIFORNIA)
) ss.
County of ALAMEDA)

On DECEMBER 14, 2001 before me, ORIANA B. OU, NOTARY PUBLIC
personally appeared BOR LONG TWU ~~PERSONAL~~
~~XXXXXXXXXX~~ proved to me on the basis of satisfactory evidence to be the person(x) whose
name(s) is ~~(are)~~ subscribed to the within instrument and acknowledged to me that he ~~/she/they~~
executed the same in his ~~/her/their~~ authorized capacity ~~(ies)~~, and that by his ~~/her/their~~
signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.

WITNESS my hand and official seal.



Bor-Long Twu
SIGNATURE OF NOTARY